

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Trausti Kristjansson et al.

Appln. No. : 10/783,709

Filed : February 20, 2004

For : METHOD AND APPARATUS FOR  
SCENE LEARNING AND THREE-  
DIMENSIONAL TRACKING USING  
STEREO VIDEO CAMERAS

Docket No.: M61.12-0589

Group Art Unit: 2612

Examiner:

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
COMMISSIONER FOR PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS

12<sup>th</sup> DAY OF February, 2005.  
*John B. Kelly*  
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

**TIME OF FILING**

The information disclosure statement is being filed:

1.  with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
  
2.  after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A.  a statement as specified in 37 C.F.R. § 1.97(e).
- B.  the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3.  after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:

- A. a statement as specified in 37 C.F.R. § 1.97(e);
- B. the petition fee set forth in 37 C.F.R. § 1.17(p).

**STATEMENT**

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

**METHOD OF PAYMENT**

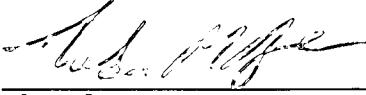
x No fee is required.

       Attached is a check in the amount of \$\_\_\_\_\_.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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FORM PTO-1449

Atty. Docket No.:  
M61.12-0589Appl. No.:  
10/783,709LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

First Named Inventor:

Trausti Kristjansson et al.

Filing Date

Group Art:

February 20, 2004

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA						
AB						
AC						
AD						
AE						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/YC/	AF	Schödl, A. et al., "Head Tracking Using a Textured Polygonal Model," Proceedings of Workshop on Perceptual User Interfaces, November 1998.
/YC/	AG	Frey, B.J. et al., "Learning Graphical Models of Images, Videos and Their Spatial Transformations," Proceedings of the 16th Conference on Uncertainty in Artificial Intelligence, 2000.
/YC/	AH	Murphy, K. et al., "Sequential Monte Carlo Methods in Practice," Rao-Blackwellised Particle Filtering for Dynamic Bayesian Networks (2000).
/YC/	AI	Cootes, T.F. et al., "Active Appearance Models," Proceeding of the European Conference on Computer Vision, 1998, Vol. 2, pages 484-498
/YC/	AJ	Dellaert, F. et al, "Jacobian Images of Super-Resolved Texture Maps for Model-Based Motion Estimation and Tracking," IEEE Workshop on Applications of Computer Vision, October 1998, pages 2-7.
/YC/	AK	Papanikolopoulos, N. et al., "Vision and Control Techniques for Robotic Visual Tracking," Proceeding IEEE Int. Conf. Robotics and Autmation, 1991, vol. 1, pages 851-856.
/YC/	AL	Malciu, M. et al., "A Robust Model-Based Approach for 3D Head Tracking in Video Sequences," Proceedings 4 <sup>th</sup> IEEE International Conference on Automatic Face and Geture Recognition, Grenoble, France, March 2000, vol. 1, pages 169-174.
/YC/	AM	Blake, A. et al, "Active Contours," Springer-Verlag, 1998.
/YC/	AN	Tagare, H.D., "A Gentle Introduction to the EM Algorithm. Part I:Theory," 1998, pages 1-14.
/YC/	AO	Scharstein, D. et al, "A Taxonomy and Evaluation of Dense Two-Frame Stereo Correspondence Algorithms," International Journal of Computer Vision, No. 47, pages 7-42, 2002.

EXAMINER: /YON COUSO/

DATE CONSIDERED: 01/21/2008

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.